SUBMIT IN TRIPL E. (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNIT	ED S	STATI	ES	
DEPARTMENT	OF	THE	INTERI	OR

	DEPARTMENT			KIUK			5. LEASE DESI- U-467		ND SERIA	L NO.
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b. TTPE OF WELL	_				MULTIP			ONE		
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2. NAME OF OPERATOR		AMTON					9. WELL NO.	ONE		
STANDA	RD ENERGY CORPOR	ATION					Coal B	ed Fed	leral	#1
	st 800 South, Sa	lt Lake Ci	ty, l	Jtah 8410	1		10. FIELD AND	POOL, OR	WILDCA	T
4. LOCATION OF WELL (R	eport location clearly and						Wild	cat	•	
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14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POS	T OFFICE	•			12. COUNTY OF	1		_
	18 miles SE of M	onticello					San Jua		Utal	<u>1 . :</u>
15. DISTANCE FROM PROP- LOCATION TO NEARES PROPERTY OR LEASE ! (Also to nearest dr)	r 210' FEL 194 Line, pt.	5' FNL		510.39	LEASE		OF ACRES ASSIGN HIS WELL	ED		
18. DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH	POSED LOCATION® RILLING, COMPLETED,			3,500'		1	er or cable to		,	
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)						22. APPROX.			START*
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23.	P	ROPOSED CASI	NG ANI	CEMENTING	PROGRA	AM 		• •		
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<u>12½"</u>	9 5/8" New	36# K−55		1,000) sxs Clas sxs Class		equi:	valen
8 3/4"	5 1/2" New	17# K-55	•	8,500		4	sxs class be determi		equi	Varcii
See atta 1) 10-P 2) 13-P 3) Blow 4) Road 5) Leas 6) Pad 7) Cros 8) Rig 9) Rat 10) Prod	to drill 8,500' ched NTL-6 Report oint Compliance oint Surface Use out Preventer So Access and Close Boundry Topography s Section Layout and Campand Mouse Hoel I uction Facilities of the drill or despending of the drill or despending to the control of the contr	ct Consisti Report Plan Cheme Set Live was Detail Les Layout	ng of	olug back, give	data on p ocations a	resent prod nd measure	luctive sone and d and true verti	AKE CITY, UTAH proposed	RECEIVED	ma C
preventer program, if an		elan	 	Vice Pr			DATE _		1 27,	
(This space for Fede	eral or State office use)	1								
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PREMIT NO.	Marta		— Е. V	V. Guynn				MAY	23 19	102
APPROVED BY	1 Malla	TI	re Dist	rict Oil & Ga	as Super	rvisor	DATE _	1141	E 0 19	105
CONDITIONS OF APPROV	AL, IF ANT:	•								

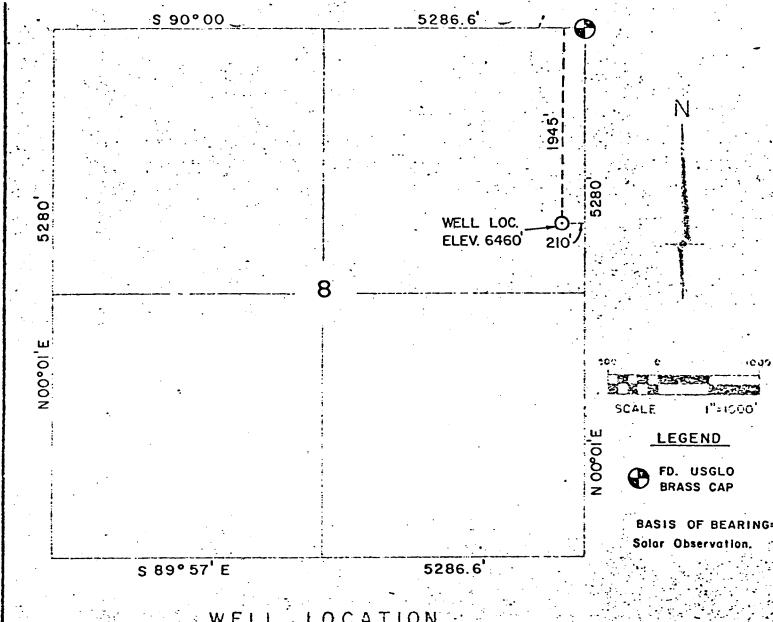
NOTICE OF APPROVAL

State 0\$6

CONDITIONS OF APPROVAL ATTACHED

TO OPERATOR'S COPY
*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A **DATED 1/1/80**



WELL LOCATION

1945 FT. S.N.L. -210 FT. W.E.1 SECTION 8 , T.35 S., R.26E., SLB & M SAN JUAN COUNTY, UTAH

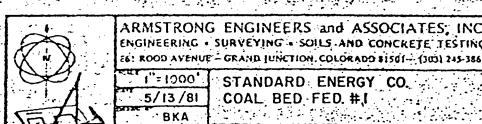
SURVEYOR'S CERTIFICATE

EAA

5/ 8 /81



I, Edward A. Armstrong, a registered, land surveyor in the State. of Utoh , do hereby certify that this survey was made under my direct supervision and that this plat represents said survey



JOH NUMBE oheel of 5 813386 Standard Energy Corporation Well No. 1 Section 8, T. 35 S., R. 26 E. San Juan County, Utah Lease U-46740

Supplemental Stipulations

- 1) Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- 2) Surfacing material will not be placed on the access road or location without prior BLM approval.
- 3) The top six inches of soil material will be removed from the location and stockpiled separate from the trees on the southwest side of the location.
- 4) The reserve pit will be lined with commercial bentonite at the contractor's discretion.

ADDITIC 'L STIPULATIONS FOR PRODUCTIO' TACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
 - (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

June 15, 1983

Standard Energy Corporation 231 West 800 South Salt Lake City, Utah 84101

> RE: Well No. Coal Bed Fed. #1 Sec. 8, T.35S, R.26E San Juan County, Utah

Gentlemen:

Our records indicate you have filed federal application for permit to drill Well No. Federal #1, but have not yet filed application with the State of Utah. Applications must receive State approval in addition to federal approval in order to commence drilling.

Please provide the necessary application for permit to drill, or otherwise advise on the status of the permit. A copy of the federal application with attachments and cover letter is acceptable.

Respectfully,

Norm Stout

Administrative Assistant

NS/as



Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

- June 15, 1983

Thurs

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Respectfully,

Norm Stout

Administrative Assistant

use approve as soon as possible.

NS/as

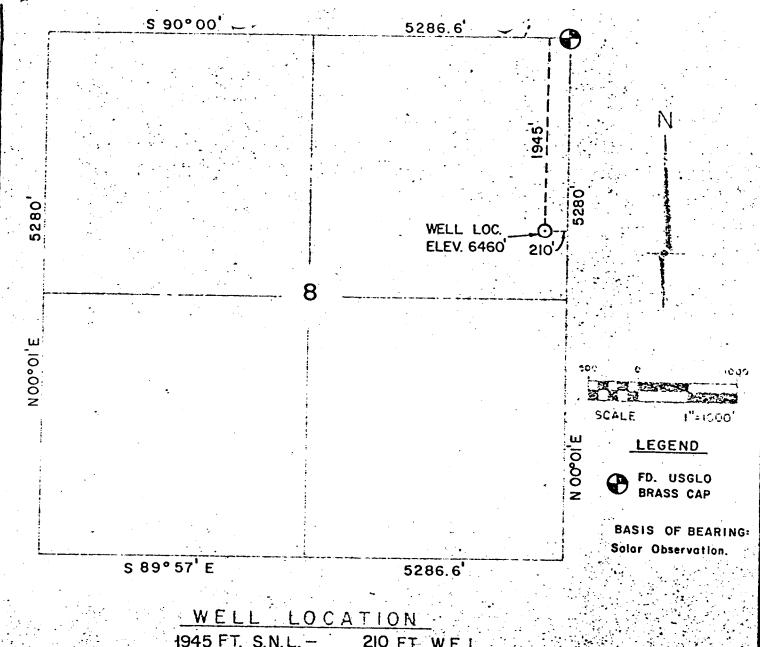
JUN 37 1993

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

FLARING OR VENTING OF

*Sée Instructions On Reverse Side



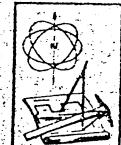
1945 FT. S.N.L. - 210 FT. W.E.L. SECTION 8, T.35 S., R.26E., SLB & M. SAN JUAN COUNTY, UTAH



SURVEYOR'S CERTIFICATE

I. Edward A. Armstrong, a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

EDWARD A ARMSTRONG OF COLOR

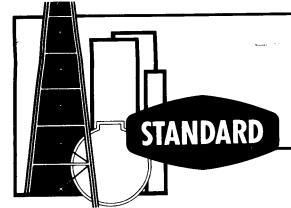


ARMSTRONG ENGINEERS and ASSOCIATES, INC. ENGINEERING . SURVEYING . SOILS AND CONCRETE TESTING. TOOD AVENUE - GRAND JUNCTION COLORADO \$1501-13031 245-3861

STANDARD ENERGY CO. 5/13/81 COAL BED FED. #.1

SHEET 1 of 5

813386"



Standard Energy Corporation

231 WEST 800 SOUTH • SALT LAKE CITY, UTAH 84101 • (801) 364-9000

NASDAQ Symbol: "STDE"

June 29, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Coal Bed Federal #1 Well

Dear Mr. Stout:

Standard Energy herewith requests the State of Utah to allow us to make an unorthodox location in accordance with Rule C-3(c).

Standard Energy declares and has also enclosed a topo map and a copy of the lease covered by us within a 660' radius. We request this unorthodox location due to the location of the road in the canyon and because of the topographic situation in the canyon.

This request is necessary for the well to be drilled because of the seismic IP which has been done in the area. Also, please note that the Coal Bed Federal #1 Well has been approved previously and was never drilled. The permit expired and we are now in a situation to drill said well.

Sincerely,

STANDARD ENERGY CORPORATIO

Pamela K. Nelson

Vice President

PKN

DIV. OF OIL, GAS & MINING



Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 9, 1981

Standard Energy Corporation 231 West 800 South SLC UT 84101

.

RE: Well No. Coal Bed Federal #1, Sec. 8, T. 35S, R. 26E, San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to <u>immediately</u> notify the following:

MICHAEL T. MINDER - Petroleum Engineer

Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30746,

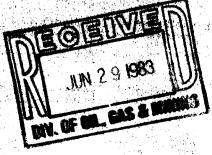
Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight

Director

CBF/db CC: USGS Enclosures



UNITED STATES		ide)	•	
DEPARTMENT OF THE I	NTERIOR		G. LEASE DESIGNATION	
GEOLOGICAL SURVI			U-46740	AND BENIAL
APPLICATION FOR PERMIT TO DRILL, E	DEEPEN OR PLUG R	ACK	6. IF INDIAN, ALLOTTES	OR TRIME N
IR. TIPE OF WORK			NONE	
DRILL \(\text{\overline}\) DEEPEN [PLUG BAC	K 🔲	7. DHIT AGREEMENT W	AND
OIL X CAS Y	SINCES MOLTIM	LB (-7	NONE	
2. MAME OF OPERATOR	ZONE ZONE	<u> </u>	8. FARM OR LEASE WAN	(18
STANDARD ENERGY CORPORATION			9. WELL NO.	
231 West 800 South			Coal Bed F	'ederal
Salt Lake City Utah 84101	. '		10. FIELD AND POOL O	E WHOCH
A LOCATION OF WELL (Report location clearly and in accordance with	any State requirementa.*)		Wildcat	- WIEDCIA
Section 8, SELNEL, T 35 S, R 26 E, S	LM		JL SEC., T., E., M., OR B	LE.
At proposed prod. zone 210 FEL	1945 FNL		T 35 S, R 26	E. SLM
5,500° Top of the Salt			Section 8. S	ELNEL
Approx. 18 miles SE of Monticello	OFFICE-	ı	12. COUNTY OF PARIETS	13. STATE
13, DISTANCE FROM PROPOSED®	16. FO. OF ACRES IN LEASE	17 70 0	San Juan	. Utah
LOCATION TO HEAREST 210 FEL 1945 FNL PROPRETY OR LEADE LINE, FT. (Also to Dearest drig. unit line, if any)	3,510.39	TO TH	A TOKES TREIGHED	
18 DISTANCE PROM BERNE	19. PROPOSED DEPTH	20 20742	Y OR CABLE TOOLS .	•
AFFILD FOR, ON THIS LEASE, PT.	5,500 6000		ary	•
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	8500	- KO t	22. APPEOL. DATE WOR	
6340'	0 300		June 1,	- .
As per NTL-6 10-Point	AND CEMENTING PROGRAM	T.		
BIZE OF HOLE BIZE OF CASING WEIGHT PER FOO	Plan BETTING DEPTR			
17=" 1378" NEW 60 + K-5		30	-QUANTITY OF CENERA	
- 12 4 95/8" New 36 = K-5			wase Class C	
8x 55 New 17# 15-5				<u> </u>
		1 1	exClass Ga	6 & MING/
Propose to Julia 5 5001 o to		,	determine	
Propose to drill 5,500' Salt Test Well See attached NTL-6 Report Consisting	of: APPROVED	BY T	HE STATE	. • .
	OF UTAH	DIVIS	SION OF	* .
 10-Point Compliance Report 13-Point Surface Use Plan 	OIL, GAS,	AND	MINING	•
2) 13-Point Surface Use Plan3) Blowout Preventer Scheme	DATE:	1121	$\langle \gamma \rangle$	•
4) Road Access and Closet live water		1-	dia 1	
5) Lease Boundry	D1	7		
6) Pad Topography				
7) Cross section				•••
8) Rig Layout and Camp	UTAH DIVISION of O		& MINING	•
9) Rat and Mouse Hole Detail 10) Production facilities Layout	1588 W. NORTH TEA	• '		
10) Production facilities Layout	SALT LAKE CITY, UT.	84116		
N AROVE WEACH DARCHING THE	•	-		
IN ABOVE SPACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen one. If proposal is to drill or deepen directionally, give pertinent described programs if any.	or plug back, give data on presenta on subsurface locations and	ent produc	live zone and proposed	new produc
reventer program, II any.	THE SUCCESSION AND I		une vertical depths.	· Give blow
Himila I Molinia				
BIGHED WITHULL /3. WITHE	Vice President		5-27-	-81
(This space for Federal or State office use)			- DATE - LI	
	•		•	

STIPULATIONS.

AFFROVED BY STANDLE IF ANY:

OPERATOR'S COPY

≩.

Form 3106-5 (March 1980)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

ASSIGNMENT AFFECTING RECORD TITLE

TO OIL AND GAS LEASE

FORM APPROVED OMB NO. 42-R1599

Lease Serial No.

FOR BLM OFFICE USE ONLY

Lease effective date

New Serial No.

PART I

1. Assignee's Name

STANDARD ENERGY CORPORATION

Address (include zip code)

P. O. Box 27156 Salt Lake City, Utah

The undersigned, as owner of 100 percent of the record title of the above-designated oil and gas lease, hereby transfers and assigns to the assignee shown above, the record title interest in and to such lease as specified below.

2. Describe the lands affected by this assignment (43 CFR 3101.2-3)

Township 35 South, Range 26 East, SLM, San Juan County, Utah

Lots 1, 2, ShNh, Sh Section

Synet, Setnwi, Si Section 4:

Ship, Sh Section 7:

Section 8: E'1, S'1NW'1, SW'2

WINEY, WI, NWYSEY 9: Section

Section 11: Lot 4

NY, NWISWI Section 17:

Section 18: All

Containing 3,510.39 acres, more or less



3. Specify interest or percent of assignor's record title interest being conveyed to assignee	100%
4. Specify interest or percent of record title interest being retained by assignor, if any	NONE
5. Specify overriding royalty being reserved by assignor	5%
6. Specify overriding royalty previously reserved or conveyed, if any	NOME

7. If any payments out of production have previously been created out of this lease, or if any such payments are being reserved under this assignment, attach statement giving full details as to amount, method of payment, and other pertinent terms as provided under 43 CFR 3106. NONE

It is agreed that the obligation to pay any overriding royalties or payments out of production of oil created herein, which, when added to overriding royalties or payments out of production previously created and to the royalty payable to the United States, aggregate in excess of 17½ percent, shall be suspended when the average production of oil per well per day averaged on the monthly basis is 15 barrels or less.

I CERTIFY That the statements made herein are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

.1981 .

Executed this 6th day of May

2337 South 6th East

(Assignor's Address)

D. R. Gaither

Salt Lake City, Utah 84106

(City) (State) (Zip Code)

Title 18 U.S.C., Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

THE UNITED STATES OF AMERICA

Assignment approved effective

8006906

	PART II
	ASSIGNEE'S REQUEST FOR APPROVAL OF ASSIGNMENT
A.	Assignee Certifies That 1. Assignee is over the age of majority 2. Assignee is a citizen of the United States 3. Assignee is Individual Municipality Association Corporation. If other than an individual, assignee's statement of its qualifications are attached. If previously furnished, identify the serial number of
	the record in which filed <u>U-46500</u> 4. Assignee's interests, direct and indirect, do not exceed 200,000 acres in oil and gas options or 246,000 chargeable acres in options and leases in the same State, or 300,000 chargeable acres in leases and options in each leasing District in Alaska. 5. Assignee is is is not the sole party in interest in this assignment. Information as to interests of other parties in this assignment must be furnished as provided in the regulations (43 CFR 3106). 6. A filing fee of \$25.00 is attached.
в.	ASSIGNEE AGREES That, upon approval of this assignment by the authorized officer of the Bureau of Land Management, he will be bound by the terms and conditions of the lease described herein as to the lands covered by this assignment, including, but not limited to, the obligation to pay all rentals and royalties due and accruing under said lease, to condition all wells for proper abandonment, to restore the leased lands upon completion of any drilling operations as prescribed in the lease, and to furnish and maintain such bond as may be required by the lessor to assure compliance with the terms and conditions of the lease and the applicable regulations.
Э.	IT IS HEREBY CERTIFIED That the statements made herein are true, complete, and correct to the best of under-

signed's knowledge and belief and are made in good faith.

Executed this 6th May day of STANDARD ENERGY CORPORATION

, 1981

(Assignee's Signature)

P. O. Box 27156

(Assignee's Address)

Its President

Salt Lake City, Utah 84127

(City)

(State)

(Zip Code)

Title 18 U.S.C., Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

INSTRUCTIONS

- Use only for assignment of record title ininterest in oil and gas leases. If more than one assignment is made out of a lease, a separate instrument of transfer is required for each assignment.
- 2. Filing and Number of Copies File three (3) completed and manually signed copies in the appropriate BLM office. A \$25.00 nonrefundable filing fee must accompany the assignment. File assignment within ninety (90) days after date of final execution.
- 3. Effective Date of Assignment Assignment, if approved, takes effect on the first day of the month following the date of filing of all required papers. Assignee's qualifications must be in full compliance with the regulations (43 CFR 3102). If bond is necessary, it must be furnished prior to approval of the assignment.
- Statement of Interest of Other Parties If assignee is not the sole party in interest in the assignment, assignee must
- submit, at the time assignment is filed, a signed statement giving the names of any other parties who will have an interest in the lease. Within fifteen (15) days after the filing of the assignment, the assignee and all such other interested parties must submit, together with evidence of their qualifications to hold the lease interest, separate, signed statements giving the nature and extent of the interest of each, the nature of agreement between them, if oral; and a copy of the agreement, if written.
- Effect of Assignment Approval of assignment of a definitely described portion of the leased lands creates separate leases of the retained and the assigned portions. It does not change the terms and conditions of the lease or the lease anniversary date for purposes of payment of annual rental.
- A copy of the lease out of which this assignment is made should be obtained from the assignor.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this assignment and request for approval.

AUTHORITY: 30 U.S.C. 181 et. seq.

PRINCIPAL PURPOSE - The information is to be used to process the assignment and request for approval.

ROUTINE USES:

(1) The adjudication of the assignee's rights to the land or

(2) Documentation for public information in support of nota-

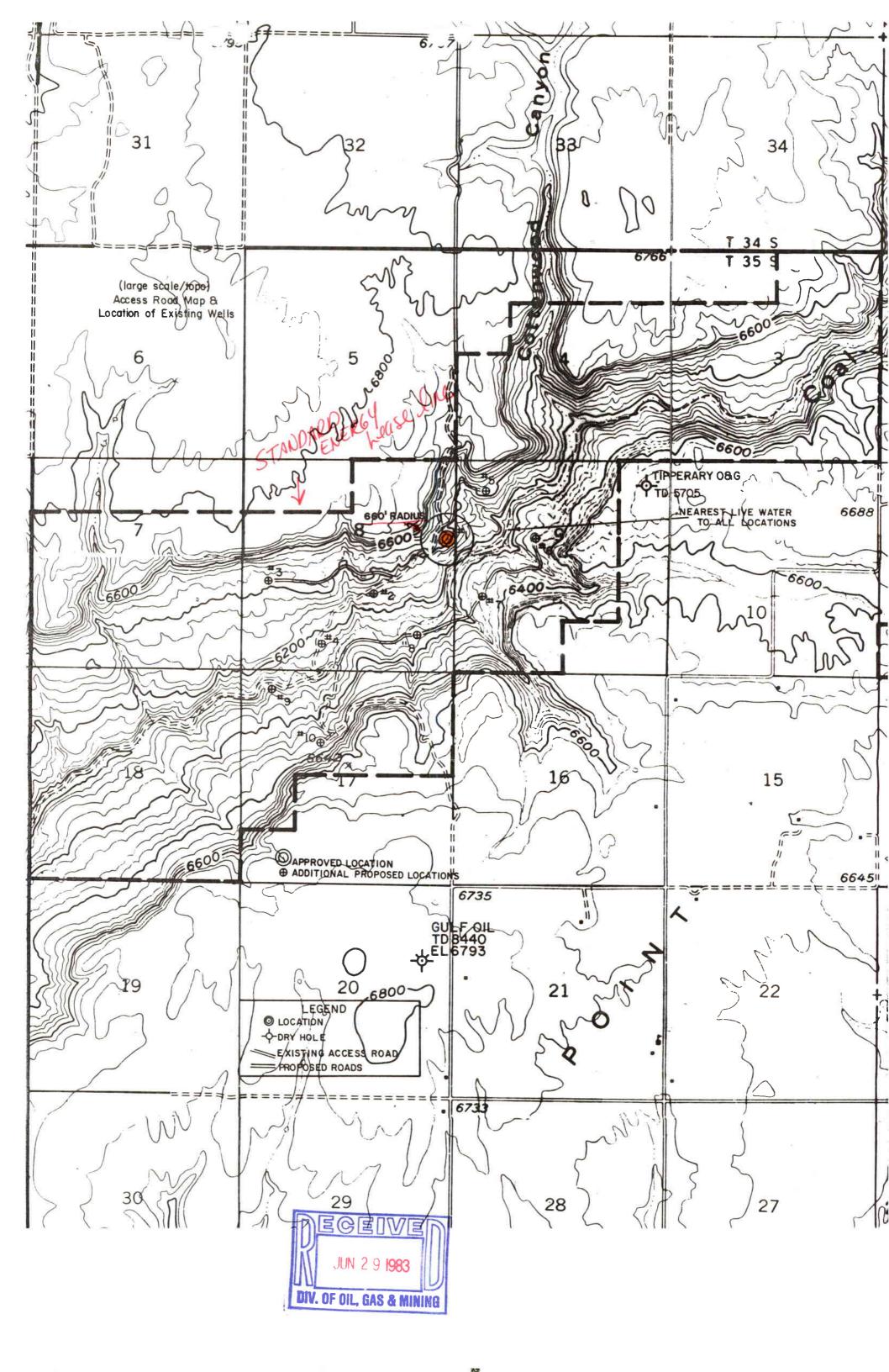
tions made on land status records for the management disposal, and use of public lands and resources.

Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources.

(4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or oreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — If all the information is not provided, the assignment may be rejected.

DIV. OF OIL, GAS & MINING



4. The spud date will be reported orally to the District Supervisor's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Supervisor's office on a frequency and form or method as may be acceptable to the District Supervisor.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with the U.S. Geological Survey Accounting, P.O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Supervisor. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Supervisor.

- be the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
- 6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify the Surface Management Agency at least (34) (48) hours prior to commencing field operations to allow the Surface Management Agency office to have personnel present for consultation during the construction of roads and locations.

Office	face Management Phone: (801)S Montical	Agency contact	is: Bran Word Home Phone: State: Utah
City:	MINITERINA		

The Minerals Management Service office address and contacts are:

Address: 2000 Administration Building, 1745 West 1700 South, SLC, Utah 84104-3884

Office Phone: (801) 524-4590
District Supervisor E. W. Guynn
District Drilling Engineer W. P. Martens
District Production Engineer R.A. Henricks
Staff Engineer A.M. Raffoul

Home Phone: (801) 582-7042
Home Phone: (801) 466-2780
Home Phone: (801) 484-2294
Home Phone: (801) 484-2638

7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operation Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

- 8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Supervisor, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- 9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Supervisor's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
- 10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact the Surface Management Agency 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
- If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.

t m w t	hat, ust b vill b his c	Application for Permit to Drill is approved subject to the requirement should the well be successfully completed for production, this office notified when it is placed in a producing status. Such notification by telegram or other written communication, and must be received office by not later than the first business day next following the datch the well is placed on production. The notification shall provide, imum, the following informational items:
	a.	Operator name, address and telephone number.
		Well name and number.
	c.	Well location (1/4, 1/4, Section, Township, Range and Prime Meridian
	d.	Date well was placed in a producing status.
	e.	The nature of the well's production, i.e. crude oil, or crude oil a casinghead gas, or natural gas and entrained liquid hydrocarbon
	f.	The OCS, Federal or Indian lease prefix and number on which the well located. Otherwise, the non-Federal or non-Indian land category, i. State or private.
	g.	If appropriate, the unit agreement name, number and participating arname.
	h.	If appropriate, the communitization agreement number.
l3 .		

- SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

Standard Energy Corporation Well No. 1 Section 8, T. 35 S., R. 26 E. San Juan County, Utah Lease U-46740

Supplemental Stipulations

- 1) Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- 2) Surfacing material will not be placed on the access road or location without prior BLM approval.
- 3) The top six inches of soil material will be removed from the location and stockpiled separate from the trees on the southwest side of the location.
- 4) The reserve pit will be lined with commercial bentonite at the contractor's discretion.

ADDITION' STIPULATIONS FOR PRODUCTION CILITIES

your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
 - (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

STANDARD ENERGY CORPORATION Coal Bed Federal #1 Well SE'4NE'4, T 35 S, R 26 E San Juan County, Utah

NORTHERN ROCKY MOUNTAIN AREA NTL-6 10-Point Plan

1. Geological Name of Surface Formation

Morrison

2. Estimated Tops of Important Geological Markers

Morrison - Surface	Cutler - 1900'	Leadville - 7010'
Entrada - 100'	Honaker Trail - 3625'	Ouary - 7200'
Carmel - 210'	Paradox -4300'	Elbert - 7400'
Navajo - 260'	Upper Ismay - 4790'	McCracken - 7530'
Wingate - 690'	Lower Ismay - 4953'	Ophin - 7900'
Chinle - 955'	Desert Creek - 5200'	Tapeats - 8000'
Shinarump - 1670'	Top of Salt - 5350'	PreCambrian - 8500' or TD.
Moenkopi - 1750'	Base Salt - 6840'	

3. Estimated Depths of Oil, Gas, Water or other Mineral-Bearing Formations

No water flows expected. Oil or gas expected in objective reservoirs. No mineral bearing formations anticipated.

4. Casing Program

Conducter	13 3/8"	New	K-55 - 60#	50 '	30 sxs
Surface	9 5/8"	New	K-55 - 36#	1,000'	1200 sxs Class G
Production	5 1/2"	New	K-55 - 17#	8,500'	850 sxs Class G or equivalent
					to be determined.

5. Pressure Control Equipment - See Appendix B

Bottom: $3000 \# BOP \text{ w}/4\frac{1}{2}$ pipe ram

3000# w/blind rams

3000# Hydri1

Top: Rotating Head

Manifold includes appropriate valves, positive and adjustable chokes, kill line, and gas/mud separator to control abnormal pressures. BOP's will be tested at installation and will be cycled on each trip. Checks of BOP will be noted on daily drilling reports.

6. Drilling Fluids

Fresh water with minimum properties from surface to 5200'. Spud mud will be used for the surface hole. A mud de-sander will be used from under the surface casing to the total depth. The mud weight will be brought to 12 ppg before drilling into the Desert Creek zone at 5200 or what ever is to be determined.

A fully manned mud logging unit from 5,000° to Total Depth will catch samples. The contractor will catch 10-foot samples from surface to approximately 4000°

Sufficient mud materials to maintain mud requirements and to control minor loss circulation and blowout problems will be stored at the well site.

10-Point Plan Page Two

7. Auxiliary Equipment

A manually operated kelly cock. No floats at bit. Mud will be monitored visually from 1,600' to the total depth. Full opening Shafer floor valve manually operated.

8. Testing, Logging and Coring Program

During drill stem testing or when a completion rig is completing a well, some flaring of natural gas or produced gases will be necessary.

DIL from below surface casing to total depth.

CNL-Density 4300' to total depth.

Continuous dipmeter 4300' to total depth.

The planned stimulation is to acidize the well with approximately 15,000 gallons of HCL

acid. Completed programs will be determined after log and DST information has been fully evaluated.

The proposed completion zone is the Lower-Upper Ismay at 4395' and the Desert Creek Porsity at 5250'. The Lower Ismay Porosity may also be productive.

9. Any Anticipated Abnormal Pressures or Temperatures or Potential Hazards

No abnormal pressures or temperatures expected. No potential hazards such as hydrogen sulphide expected, etc.

10. Anticipated Starting Date and Duration of Operations

Starting Date: June 1, 1983

Duration: 30 days or until completion is finished.

STANDARD ENERGY CORPORATION Coal Bed Federal #1 Well SE'ANE'4, T 35 S, R 26 E San Juan County, Utah

NORTHERN ROCKY MOUNTAIN AREA Checksheet for NTL-6 Multipoint Requirements to Accompany APD

1. Existing Roads

- a) Location of Proposed Well in Relation to Town or Other Reference Point 18 miles SE of the nearest town (Monticello)
- b) Proposed Route to the Location
 Access to the proposed site is via Utah Highway 160 to just before the 15 mile post, then S down through Coal Bed Canyon area. (See attached Map)
- c) Location and Description of All Roads in the Area
 Referring to Appendix C the existing roads are color coded in red.
- d) Plans for Improvement and/or Maintenance of Existing Roads
 No improvements on the Coal Bed Canyon Roads are planned. The location is
 right off the existing roads.

2. Planned Access Road

- a) Road Width The road is approximately 16' wide from shoulder to shoulder.
- b) Maximum Grade
 The maximum grade on the road is no more than 8 percent.
- c) <u>Proposed Turnouts</u> (include typical drawing and location)
 No turnouts will be constructed.
- d) Location (by Centerline Station) and Size of All Culverts

 The centerline of the road is shown in the exhibits, no water diversion ditches are anticipated.
- e) Other Pertinent Drainage Design Information Including Plans for Erosion Control,
 Culvert Outlet Protection, etc.
 No culverts needed or anticipated.
 No major cuts or fills required along the entire length of the access road being
- f) Surface Material (if any)
 None anticipated

3. Locations of Existing Wells

The attached topo map labeled Appendix C shows all existing wells in complete detail.

a) Water Wells

used.

- b) Abandoned Well
- c) Temporarily abandoned wells
- d) Disposal Wells
- e) Drilling Wells
- f) Producing Wells
- g) Shut-in Wells
- h) Injection Wells
- i) Monitoring or Observation wells for other resources

Multipoint Plan Page 2

4. Location of Existing and/or Proposed Facilities

- a) Within a one-mile radius of location the following facilities are owned or controlled by lessee/operator:
 - 1) Tank Batteries (none)
 - 2) Production facilities (none)
 - 3) Oil gathering lines (none)
 - 4) Gas gathering lines (none)
 - 5) Injection lines (none)
 - 6) Disposal lines (none)
- b) If the well is productive, new facilities will be as follows:
 - 1) Production facilities will be located on solid ground of cut area of Drill pad, as shown on Appendix.
 - 2) Dimensions of facilities Refer to Appendix
 - 3) All construction materials for tank site and pad will be obtained from site. No additional materials from outside sources is anticipated. The tank will have a fire dike installed around it. The pit will be fenced, with four strands of barbed wire before drilling starts, on three sides. The fourth side will be fenced as soon as drilling is completed. The fence will be kept in good repair while the pit is drying.
 - 4) All sump pits will be fenced also. If oil is in the sump pit, the pit will be flagged overhead to keep the birds out.
 - 5) Plans for rehabilitation of disturbed area are no longer needed for operations after construction is completed, the area of no use will be restored and reseeded as recommended by the BLM.
 - 6) The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the BLM Stipulations. Enough top soil will be retained to reclaim the remainder of the location at a future date. The remaining stockpile of top soil will be seeded in place using the seed mixture as designated herein.
 - 7) All above ground production facilities will be painted a neutral color of Desert Sand.

5. Location and type of Water Supply

- a) Location of Water Coal Bed Creek, See attached Appendix for live water. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use by the agency or individual holding the water rights.
- b) Methods of Transporting Water Pumped up to location from Creek
- c) Water well to be drilled on lease None anticipated.

6. Source of Construction Materials

- a) Information NONE
- b) Indentify if from Federal or Indian Land NONE
- c) Where materials are to be ontained and used NONE
- d) Access roads crossing Federal and Indian Lands NONE

Multipoint Plan Page 3

7. Methods of Handling Waste

- a) Drill cuttings will be buried in the reserve pit and covered.
- b) Garbage and other waste material will be placed in the trash basket.
- c) After drilling operations have been completed, the location will be cleared of litter, and the trash will be burned in the trash basket. The mud pit liquids will be allowed to evaporate. Any fill material in the mud pit will be compacted with heavy equipment.

8. Ancillary Facilities

No camp or airstrips exist now, but Standard Energy has intention of a camp which is provided with the rig. Camp layout is included with the rig layout.

9. Well Site Layout

Refer to Appendix for cross sections of drill pad with cuts and fills. Refer to location plat for location of mud tanks, reserve pit, trash basket, pipe racks, living facilities, soil material stockpile, rig orientation, parking areas, camp and the access raod.

10. Plans for Restoration of Surface

- a) Immediately on completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash basket and burndt. Non-burnable debris will be hauled to a local town dump site.
- b) Standard Energy or Hunt Services will contact the San Juan Resource Area BLM office in Monticello, Utah (801) 587-2201, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
- c) Before any dirt work to restore the location takes place, the reserve pit will be completely dry and any trash it contains will be removed from the area.
- d) All disturbed areas will be recontoured to blend as nearly as possible with the natural topography.
- e) The stockpiled topsoil will be evenly distrubuted over the disturbed area.
- f) All disturbed areas will be scarified with the contour to a depth of 4 inches.
- g) The seed will be broadcast at a time specified by the BLM with the following seed prescription. When broadcast seeding a harrow or some such implement will be dragged over the seeded area to assure seed cover.
 - 1) 2 lbs Indian ricegrass (Oryzopsis Hymenoides)
 - 2) 1 1b Sand dropseed (Sporobolus Cryptandrus)
 - 3) 2 lbs Green Ephedra (Ephedra Viridis)
 - 4) 2 lbs Bitterbrush
- h) After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent future use.
- i) Clean up will begin within two months after drilling operations have been completed and the land will be restored at this time.

11. Other Information

Standard Energy Corporation or Hunt Services will contact the San Juan Resource Area Office in Monticello, Utah, Phone (801) 587-2201, 24 hours prior to beginning any work on public land.

STANDARD ENERGY CORPORATIO
Coal Bed Federal #1 Well
SELNEL, T 35 S, R 26 E
San Juan County, Utah

Multipoint Plan Page 4

Hunt Services will be furnished with a copy of the Surface Use Plan and any additional Stipulations prior to any work.

The San Juan County Road Department in Monticello will be contacted prior to the use of county roads for this activity. (801) 587-2249.

A burning permit will be obtained prior to burning trash between May 1 and October 31. This will be acquired by contacting the State Fire Warden at (801) 587-2705.

The vegetation is juniper trees and native grass. The soil conditions described are Sandy soil with sandstone outcrops, salt sage, Sagebrush and native grass.

The closet live water is the Coal Bed Creek. There are no archaeological, historial or cultural heritages that will be distured by this drilling.

If subsurface cultural material is exposed during construction work in that spot, work will stop immediately and the San Juan Resources Area Office will be contacted. All employees in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.

12. Lessee's or Operator's Representatives

Scott Killpack, Box 293, Baggs, Wyoming 82321, (307) 383-6485 Drilling Superintendent

Carl Hunt, Box 215, Hanksville, Utah 84734, (801) 542-3241 Hunt Services, Dirt Contractor

Dean W. Rowell, 231 West 800 South, Salt Lake City, Utah (801) 364-9000 President, Standard Energy Corporation

Charles F. Atwater, 231 West 800 South, Salt Lake City, Utah (801) 364-9000 Vice President, Geologist

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Standard Energy Corporation and its contractors and subcontractors in conformity with this plan and the terms under which it is approved.

Pamela	к.	Nelson	, Vice	President
Standar	:d	Energy	Corpora	ation

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company	Standar	d Energy	Corporation	w Well	No.	
Location_	,	0 /	R.26E			11-46740

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

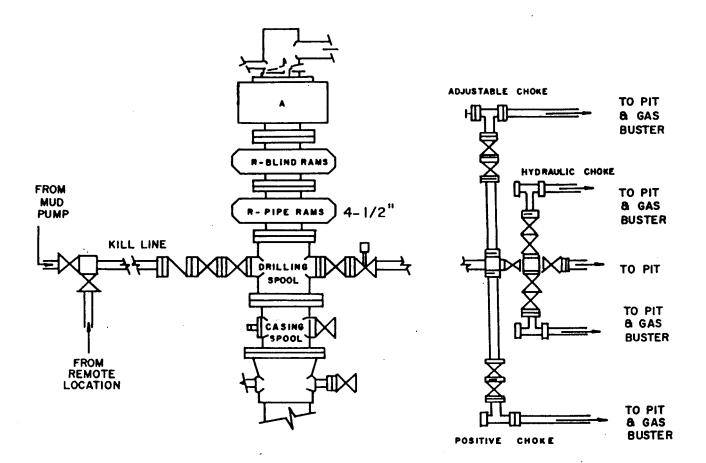
All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

- There shall be no deviation from the proposed drilling and/or workover 1. Safe drilling and operating practices must be obprogram as approved. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed Preventers will be inspected and operated at least daily to or abandoned. insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
- All shows of fresh water and minerals will be reported and protected. A
 sample will be taken of any water flows and furnished this office for
 analysis. All oil and gas shows will be adequately tested for commercial
 possibilities, reported and protected.
- 3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Supervisor must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

OPERATOR

3000 psi Working Pressure BOP's



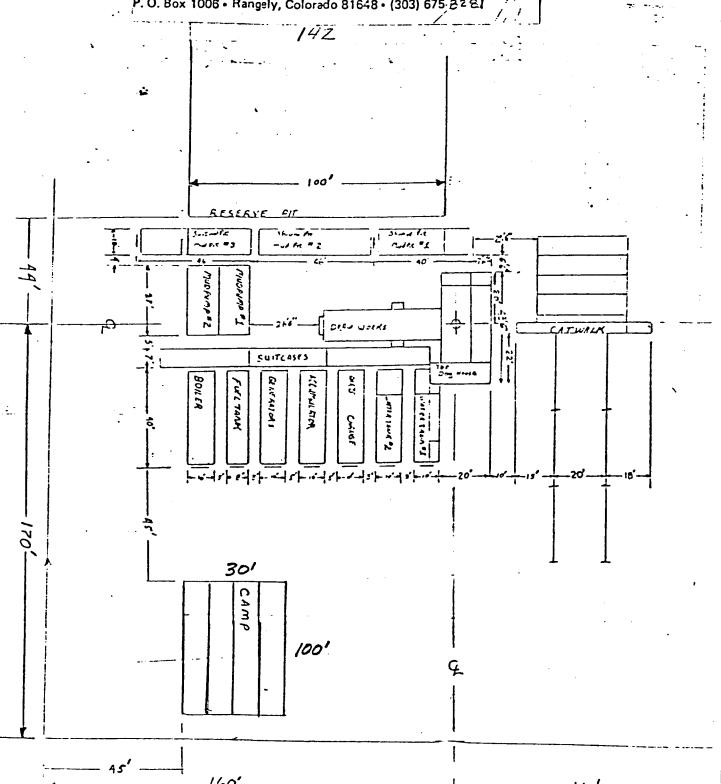
Test Procedure

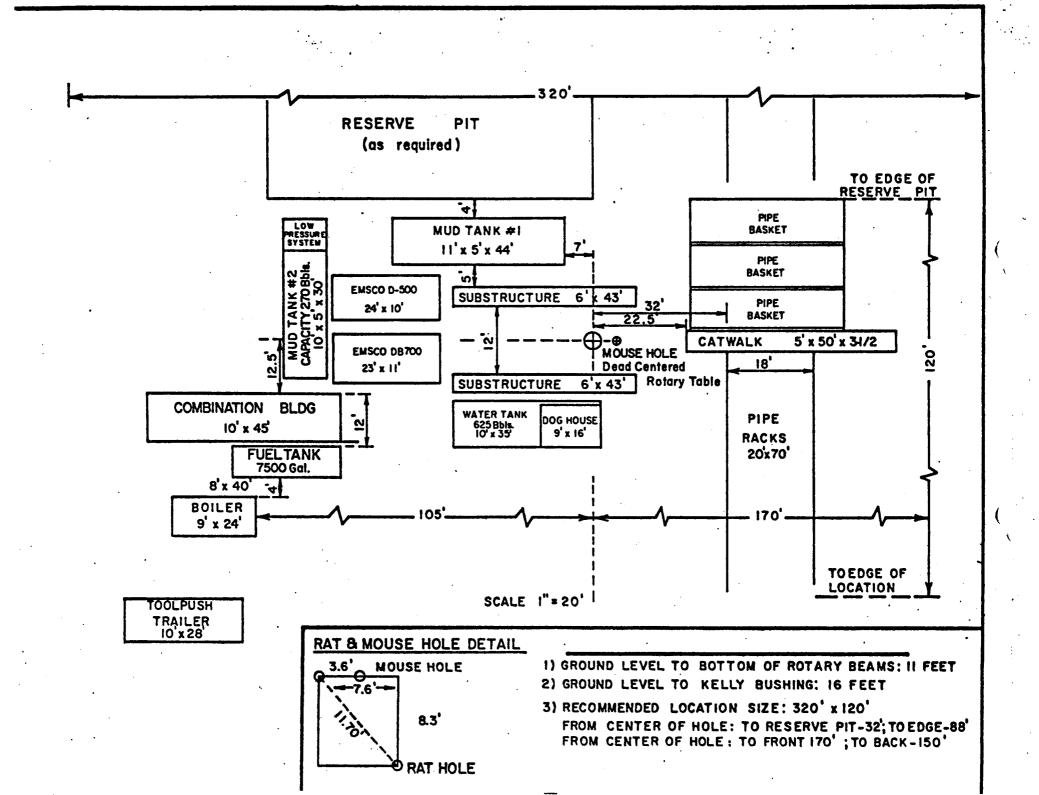
- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure and working pressure.
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure and working pressure
- 5) Close and test Hydril to rated pressure and working pressure
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure and working pressure
- 7) Test all choke manifold valves to rated pressure and working pressure
- Test kill line valves to rated pressure and working pressure



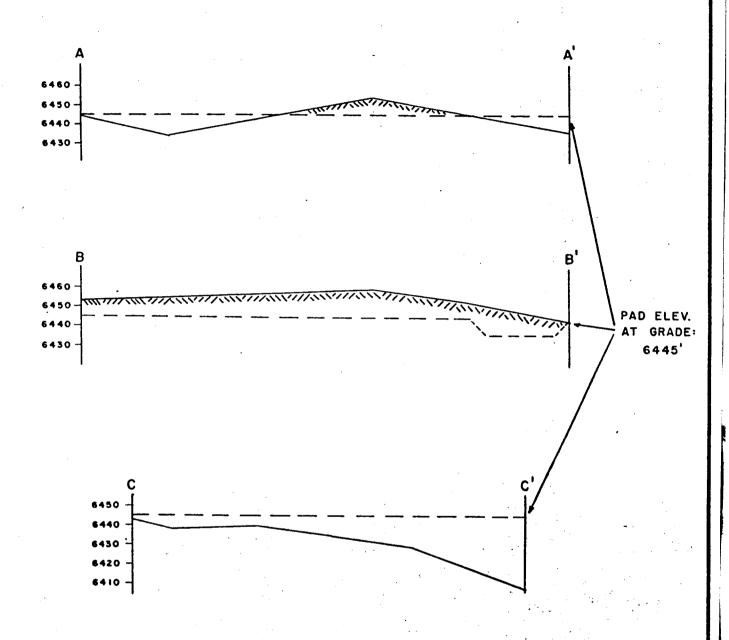
CRC COLORADO WELL, INC.

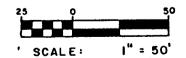
P. O. Box 1006 • Rangely, Colorado 81648 • (303) 675 8281





CROSS-SECTION A-A', B-B', C-C'





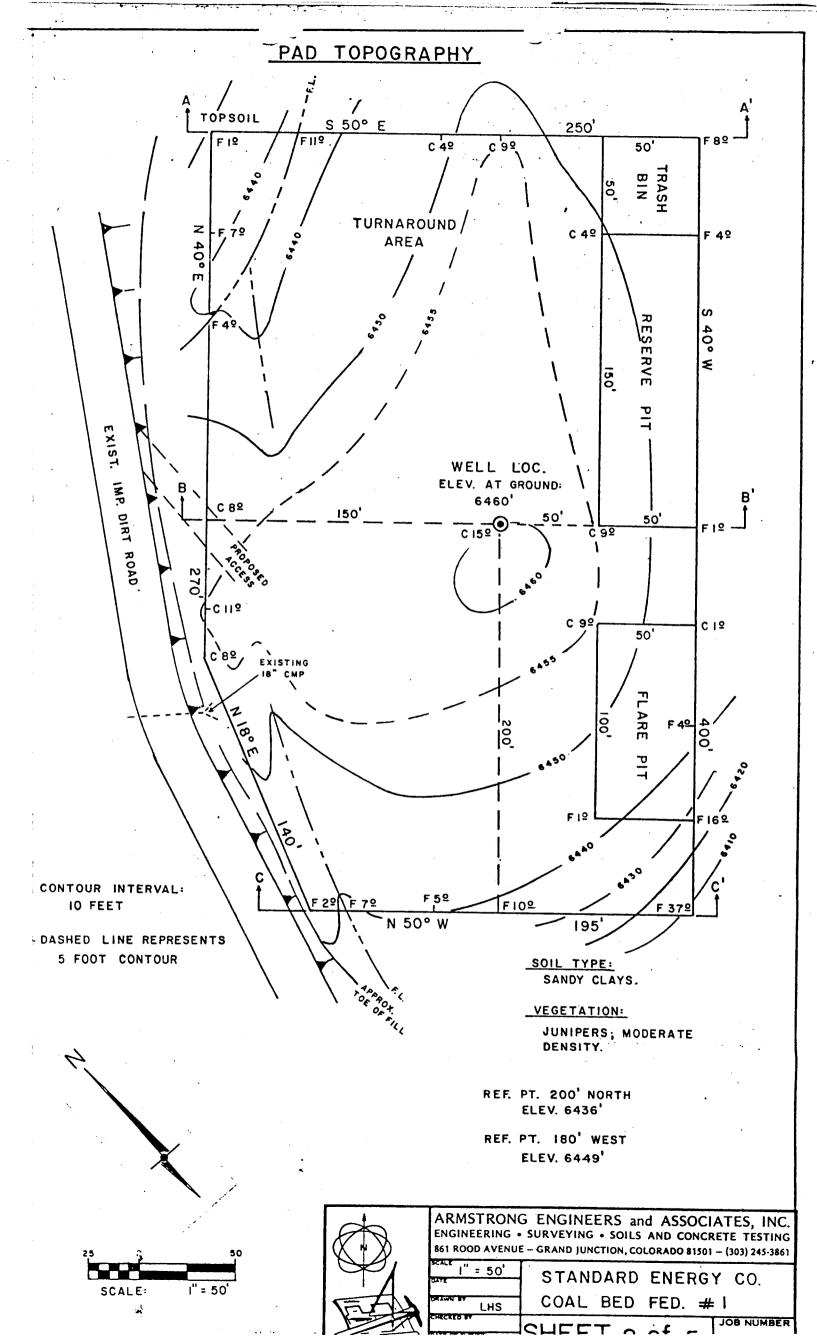


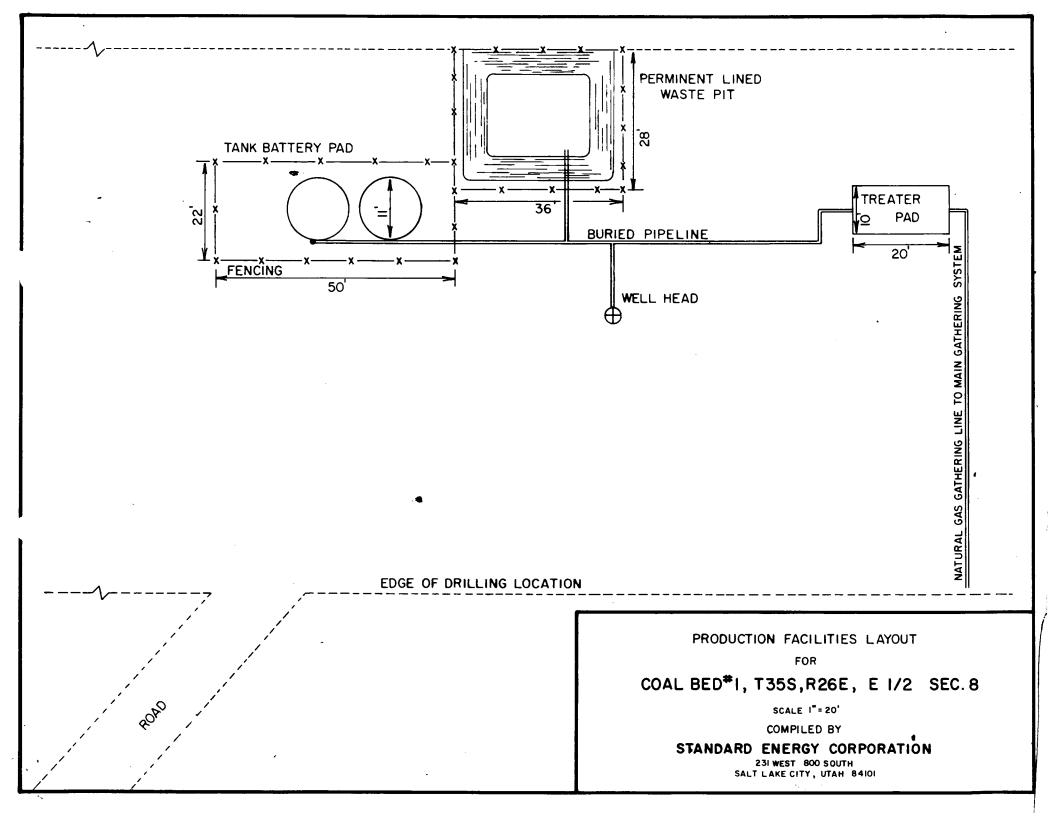
ARMSTRONG ENGINEERS and ASSOCIATES, INC. ENGINEERING • SURVEYING • SOLLS AND CONCRETE TESTING 861 ROOD AVENUE — GRAND JUNCTION, COLORADO 81501 — (303) 245-3861

I" = 50'	STANDARD	ENE	RGY	co.
LHS	COAL BED	FED.	*** 1	
CHECKED BY				TAB A

SHEET 3 of 5

JOB NUMBER 813386





VE WATEP

NOTE:-The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utain; for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Utain; based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah

he L	aws of Utah.
1.	Irrigation Domestic Stockwatering Municipal Power Mining Other Uses W
	The applicant is Standard Energy COTP.
0	The Boar Office address of the applicant is 231 W 800 S. S.L.G. III. 64 III.
	second-feet and/oractivities
ō.	The water is to be used for <u>Drilling Fluid</u> from <u>July 8, 1765 to Jepts 9, 1765 (Major Purpose)</u> (Month) (Day) (Month) (Day)
	other use period
	and stored each year (if stored) from (Month) (Day) (Month) (Day)
6.	The drainage area to which the direct source of supply belongs is(Leave Blank)
7.	The direct source of supply is* Coal Bed Canyon (Name of stream or other source)
	which is tributary to
	which is tributary to, tributary to, tributary to, which is tributary to, tributary tribut
first s space may divers	space and the remaining spaces should be let maining spaces, designate the stream channels to which it is tributary, even though the water spring its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water spring its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water spring its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water spring its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water spring its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water spring its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water spring its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water spring its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water spring its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water spring its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the spring its named to water s
west at a diver	*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of sion is not defined definitely. The diverting and carrying works will consist of Portable pump & 2" PVC to place of use
	If water is to be stored, give capacity of reservoir in acre-feetheight of dam
10.	area inundated in acreslegal subdivision of area inundated
	If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
	TotalAcres
19	. Is the land owned by the applicant? Yes No If "No," explain on page 2.
13	. Is this water to be used supplementally with other water rights? YesNo
	If "yes," identify other water rights on page 2. If application is for power purposes, describe type of plant, size and rated capacity.
	. If application is for mining, the water will be used inMining District at
	i. If application is for stockwatering purposes, number and kind of stock watered
17	t application is for domestic purposes, number of persons, or families
	If and icarion is for municipal purposes, name of municipality
19	Learning is for other uses, include general description of proposed uses
	O. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. NE% SE% Sec. 8 T35S, R26E, SLB&M (Coal Bed Canyon Federal #1 011 Well)
2	1. The use of water as set forth in this application will consume1 af second-feet and/or acrefeet of water and second feet and/ or acre feet will be returned to the nature stream or source at a point described as follows:

EXPLANATORY

ed application:	
•	
	1
The state of the s	
800Z-ON	
TATAL STATE	
600 cone	
(Use page 4 if additional to be can be beneficially used for	onal explanatory is needed.)
The quantity of water sought to be beneficially used for	e appropriated is limited to that which or the purpose herein described
can be benefician, used 1	Charles F. Males
	Signature of Applicant*
*If applicant is a corporation or other organization, by its proper officer, or in the name of the partnership by the listed. If a corporation or partnership, the affidavit the appear of attorney, authorizing one to act for all, should be a power of attorney.	signature must be the name of such corporation or organizal one of the partners, and the names of the other partners so below need not be filled in. If there is more than one application accompany the Application.
ውድ ር፤ ላ ይ ላሚበን	N OF CITIZENSHIP
•	•
STATE OF UTAH, Jake ss	
On the 29th day of line	19
ary public for the State of Utah, the above applicant is declared his intention to become such a citizen.	(min, on outs, 100mm -
mission expires:	Dnothy G. Boulton.

(SEAL)

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

rate — c.f.s.	Cost	
0.0 to over 0.1 to	0.1 \$ 15.00 0.5 30.00 1.0 45.00 5.0 45.00 150.00	plus \$7.50 for each cfs above the first cubic foot per second.
Storage — acre-red 0 to over 20 to	· ·	plus \$7.50 for each 500 a.f. above the first 500 acre feet.

(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1.	by mail in State Engineer's office by All over counter in State Engineer's office by All Priority of Application brought down to, on account of
2.	Priority of Application brought down to, on account of
3. J	Application microfilmed by Rec. No. 02962 Rec. No. 02962 Roll No.
4	Application microfilmed by
5	Indexed by
6. <u>)</u> .	29 1963Application examined by SIB
7	Application returned, or corrected by office
8	Corrected Application resubmitted over counter to State Engineer's office.
9	Application approved for advertisement by
10	
11	Publication began; was completed
	Notice published in
12	Proof slips checked by
13	Application protested by
14. 15. 16. 17. 18. 19. 20.	Publisher paid by M.E.V. No. Hearing held by Field examination by Application designated for rejection Application copied or photostated by Application rejected Conditions: This Application is approved, subject to prior rights, as follows: a. Actual construction work shall be diligently prosecuted to completion. b. Proof of Appropriation shall be submitted to the State Engineer's office by c.
	C. State Engineer
21.	
n n	Proof of Appropriation submitted.
44. 02	Certificate of Appropriation, No, issued
23.	Certificate of Appropriation, see the transfer of the transfer

OPERATOR STANLARD CHARLE	CONK	DAT	E 6-72-83					
WELL NAME CONTINUES FOR	statum /							
SEC SENE 7 T 355	R 765	COUNTY CAN	1 5401)					
43-037-30910 API NUMBER		TYPE OF L						
POSTING CHECK OFF:								
INDEX	MAP		HL					
NID			PI					
PROCESSING COMENTS:	PROCESSING COMENTS: THIS WAS LA 9-21-87 UNDER APT 43-037-30746							
THERE ARE NO CHA		•						
GGO RADIUS OF OUNCACHIA - NO OIL DA GAS WEZLS WITHIN 4960 - CURRENT GGO RADIUS STATEMENT CHIEF PETROLEUM ENGINEER REVIEW: DEZIVERED AS NEW PAM								
CHIEF PETROLEUM ENGINEER REVIEW:								
	· <u>····································</u>							
APPROVAL LETTER:								
SPACING: A-3 UNIT		c-3-a	CAUSE NO. & DATE					
c-3-b		с-3-с						
SPECIAL LANGUAGE:								
WATER AIGHTS (801-533-6011) APPROVAL FOR WATER								
TO BE USED AT THE DAILLING SITE MUST BE								
SUBMITTED TO THIS OFFICE, OTHERWISE APPROVAL								
TO DAILL THE CO.	AL MED FE	D#1 011/6	as well					
15 VOD)								

	RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
V	AUTHENTICATE LEASE AND OPERATOR INFORMATION
U	VERIFY ADEQUATE AND PROPER BONDING FELD
-	AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
	APPLY SPACING CONSIDERATION
	ORDER
	UNIT
	c-3-b
	с-3-с
	CHECK DISTANCE TO NEAREST WELL.
	CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
	IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
	IF IN OIL SHALE DESIGNATED ARFA, SPECIAL APPROVAL LANGUACE.

June 29, 1983

Standard Energy Corporation 231 West 800 South Salt Lake City, Utah 84101

> RE: Well No. Coal Bed Federal # 1 SENE, Sec. 8, T. 35S, R. 26E. 1945' FNL, 210' FEL San Juan County. Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil & gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (801-553-6071) approval for water to be used at the drilling site must be submitted to this office, otherwise approval to drill the Coal Bed Federal # 1 oil/gas well is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to <u>immediately</u> notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer

Office: 533-5771 Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30910.

Sincerely,

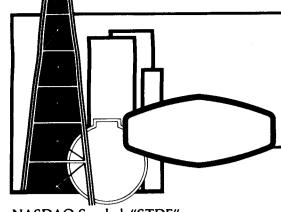
Norman C. Stout

Administrative Assistant

NCS/cf

cc: Oil & Gas Operations

Enclosures



Standard Energy Corporation

231 WEST 800 SOUTH • SALT LAKE CITY, UTAH 84101 • (801) 364-9000

NASDAQ Symbol: "STDE"

July 11, 1983

RE: Coal Bed Fed #1
Section 8, T 35 S, R 26 E
San Juan County, Utah

Mr. Norman Stout Natural Resources Oil, Gas & Mining 4241 State Office Bldg. Salt Lake City, UT 84114

Dear Mr. Stout,

We appreciated your efforts to expidite the permitting process for our Coal Bed Federal #1 well. We anticipate spudding late this week, but will notify your office within 24 hours of commencement of activity as required by regulation.

Standard Energy requests that any further information made available to the State of Utah be kept confidential for the maximum period allowed by law. Please place this well on your list of confidential holes effective immediately.

Sincerely,

STANDARD ENERGY CORPORATION

Charles F. Atwater Senior Geologist

CFA/tkb



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF CO	MPANY:_	STA	NDARD EN	ERGY	· 	
WELL NAME:	······································	Coalbed_	Federal	#1	•	
SECTION_S	ENE 8	Township_	35S	_ Range_	26E	COUNTY San Juan
DRILLING C	ONTRACTO	ORAra	pahoe			
RIG #3						
SPUDDED:	DATE	7-15-83				
	TIME	5:15 AM				
	How	Rotary				
DRILLING W	ILL COM	MENCE				
REPORTED B	Y	Bob Carey				
TELEPHONE	#	363-9000				
DATF		7-15-83			SIGNED	AS

NOTICE OF SPUD
Company: Standard Energy Caller: Bob Carey
Caller: Bob Carey
Phone:
Well Number: / Coal Bed
Location: SENE 8-355-26E County: San Quan State: Utah
County: San Quan State: Utah
Lease Number: <u> </u>
Lease Expiration Date:
Unit Name (If Applicable):
Date & Time Spudded: 7-15-83 5:15 A.M.
Dry Hole Spudder Rotary:
Details of Spud (Hole, Casing, Cement, etc.)
Rotary Rig Name & Number:
Approximate Date Rotary Moves In:
FOLLOW WITH SUNDRY NOTICE
FOLLOW WITH SUNDRY NUTICE
Call Received By:
Date: 7-15-83
DIEGEU GI
111 17 1993

DIVISION OF OU., GAS & MINING

SUBA IN TRIPLICATE* (Other instructions on reverse side)

Ε

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, G	AS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO.
	•	U-46740
SUNDRY NOTICES AND		6. IF INDIAN, ALLOTTES OR TRIBE NAME
(Do not use this form for proposals to drill or to Use "APPLICATION FOR PERM	IT—" for such proposals.)	None
l. OIL GAS T		7. UNIT AGREEMENT NAME
WELL GAS OTHER Drilling We	ell	None
NAME OF OPERATOR		8. FARM OR LEASE NAME
Standard Energy Corp.	1	None
. ADDRESS OF OPERATOR		9. WBLL NO.
231 West 800 South	Salt Lake City, UT 84101	Coal Bed Federal #1
LOCATION OF WELL (Report location clearly and in accord		10. PIELD AND POOL, OR WILDCAT
See also space 17 below.)	· ·	
Section o: Seanea,	r 35 S, R 26 E	Wildcat 11. SBC., T., B., M., OR BLE. AND
210. FEL	1945' FNL	SURVEY OR ARBA
	A \/	Section 8, T 35 S, R 2
4 2224	- V V	SLM
4. PERMIT NO. 18. BLEVATIONS (Show whether DF, RE 7, etc.)	12. COUNTY OR PARISH 18. STATE
6460 GR		San Juan Utah
Charle Annuary to Paul	To Indicate Nature of Notice, Report,	Oshan Data
Check Appropriate box	to indicate insture or inotice, Report,	or Other Daid
NOTICE OF INTENTION TO:	*U	SENQUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CAS	ING WATER SHUT-OFF	REPAIRING WELL
PRACTURE TREAT MULTIPLE COMPLET		ALTERING CASING
	SHOUTING OR ACIDIZING	ABANDONMENT*
SHOOT OR ACIDIZE ABANDON*	W burg	L
REPAIR WELL CHANGE PLANS	(01111)	sults of multiple completion on Well
(Other) 7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Chairly s	Completion or Rec	ompletion Report and Log form.)
Uge	d is currenlty being drilled	
in the second se		
8. I hereby certify that the foregoing is true and correct		
SIGNED Charles I. Utualin	TITLE Semon goologist	DATE 8-12-83
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

SUB: IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING

DIV	ISION OF OIL, GAS, AND MI		5. LEASE DESIGNATION AND SERIAL NO.
SUNDRY NO	OTICES AND REPORTS (ON WELLS	U-46740 6. IF INDIAN, ALLOTTES OR TRISE NAME
	oposals to drill or to deepen or plug l LICATION FOR PERMIT—" for such p		N/A
			7. UNIT AGREEMBNT NAMB
WELL X WELL X OTHER	No Production		None
NAME OF OPERATOR	_		8. FARM OR LEASE NAME
Standard Energy Cor	rporation		None
ADDRESS OF OPERATOR			9. WELL NO.
		34101	Coal Bed Fed. #1
See also space 17 below.)	n clearly and in accordance with any	State requirements.	10. PIELD AND POOL, OR WILDCAT
Section 8: S	SE ¹ aNE ¹ a 210' FEL, 1945'	FNL	Wildcat 11. SBC., T., R., M., OR BLK. AND BURNEY OR ARBA
			Section 8, T35S, R26E
ERMIT NO.	15. BLEVATIONS (Show whether DF	, RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
43-037-30746	6472 DF, 6473 KB	3, 6460 GR	San Juan Utah
	Appropriate Box To Indicate N		
NOTICE OF INT	TENTION TO:	ausaug	DUENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
	ABANDON* X	SHOUTING OR ACIDIZING	ABANDON MENT*
SHOOT OR ACIDIZE		_	
REPAIR WELL (Other)	CHANGE PLANS	Completion or Recomp	s of multiple completion on Well pletion Report and Log form.) , including estimated date of starting any cal depths for all markers and zones perti-
REPAIR WELL (Other) ESCRIBE PROPOSED OR COMPLETED (proposed work. If well is direct nent to this work.) Reached TD of 5780	CHANGE PLANS	(Note: Report result Completion or Recompt t details, and give pertinent dates tions and measured and true vertice. Received oral approximations.	pletion Report and Log form.) i, including estimated date of starting any cal depths for all markers and zones perti-
REPAIR WELL (Other) ESCRIBE PROPOSED OR COMPLETED (proposed work. If well is direct nent to this work.) Reached TD of 5780	OPERATIONS (Clearly state all pertinen ctionally drilled, give subsurface located at 4:30 PM, 8-12-83.	(Note: Report result Completion or Recompt t details, and give pertinent dates tions and measured and true vertice. Received oral approximations.	pletion Report and Log form.) i, including estimated date of starting any cal depths for all markers and zones perti-
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REPAIR WELL (Other) ESCRIBE PROPOSED OR COMPLETED (proposed work. If well is direct nent to this work.) Reached TD of 5780	DPERATIONS (Clearly state all pertinen ctionally drilled, give subsurface located at 4:30 PM, 8-12-83. USGS Staff Engineer 1:	(Note: Report result Completion or Recompt t details, and give pertinent dates tions and measured and true vertice. Received oral approximations.	pletion Report and Log form.) i, including estimated date of starting any cal depths for all markers and zones perti-

DATE ___

TITLE _

STID JAN TRADUCTORY

	STATE OF UTAH MENT OF NATURAL RE	SOURCES	ther instructions of reverse side)		
DIVISI	ON OF OIL, GAS, AND	MINING		46740 L	O BERIAL NO.
SUNDRY NOT (Do not use this form for propo) Use "APPLIC)	ICES AND REPORTS	ON WELLS	V P N		
OIL [단] GAM (27)	No Production		No	IT AGREEMENT HAMI NO	
. NAME OF OPERATOR Standard Energy Corpo	ration	AUG 291	993 8. PA	NO CEASE NAME	
231 West 800 South S LOCATION OF WELL (Report location of	alt Lake City, UT	84101 DIVISION	OF CO.	al Bed Fed.	—
Sec also space 17 below.) At surface Section 8: SE 4NE 4 2		an sarkitah Ghara. Or	Wi	ldcat C., T., R., M., OR BLE EURYRY OR ARBA	
1. PERMIT NO. 30 7/0 43-037-20746	18. BLEVATIONS (Show whether 6472 DF, 6473 KB,	•	12. c	otion 8, T 3	
Check Ap	propriate Box To Indicate	Nature of Notice, Rej	port, or Other [)ata	
NOTICE OF INTENT	TION TO:	1	SUBSEQUENT RE	PORT OF:	
	ULL OR ALTER CASING	WATER SHUT-OFF		REPAIRING WES	LI.

Reached TD of 5780' at 4:30 PM 8-12-83. Received oral approval to abandon from A.M. Raffoul, USGS Staff Engineer 1:55 PM, 8-13-83. As per instructions, the following plugs were set:

5780' to 5450' cement w/136 sx class B cement 1800' to 1500' cement w/51 sx class B + 2% Calcuim chloride 90' to 29' cement w/25 sx class B cement

Surface casing, consisting of 1680' of 9 5/8" pipe, was left in hole. A dry hole marker was erected, location cleaned up, sanitation holes were filled, and reserve pit was fenced. Final surface restoration is pending complete drying of reserve pit.

18. I hereby certify that the foregoing is true and correct Geologist TITLE _ (This space for Federal or State office use) APPROVED BY _ , DATE CONDITIONS OF APPROVAL, IF ANY:



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 25, 1984

Standard Energy Corporation 231 West 800 South Salt Lake City, Utah 84101

Gentlemen:

Re: Well No. Coal Bed Federal #1 - Sec. 8, T. 35S., R. 26E. San Juan County, Utah - API #43-037-30746

Our office has received a "Sundry Notice " of subsequent abandonment on the above referred to well, however, we have not received the "Well Completion or Recompletion Report and Log" as required by our rules and regulations.

Rule C-5 of The Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure states:

Within ninety (90) days after the suspension of operations on, abandonment of, or the completion of any well drilled for the production of oil and/or gas, and within ninety (90) days after the completion of any further operations on the well, if such operations involved drilling deeper or drilling or redrilling any formation, a well log shall be filed with the Commission on a form prescribed by the Commission, together with a copy of the electric and radioactivity logs, if run.

Please complete the enclosed Form OGC-3 and forward it to this office as soon as possible.

Page 2 Standard Energy Corporation Well No. Coal Bed Federal #1 September 25, 1984

Thank you for your prompt attention to the above matter.

Sincerely,

Claudia Jones

Well Records Specialist

clj

Enclosure

cc: Dianne R. Nielson Ronald J. Firth John R. Baza

File

00000005/13-14

STATE OF THAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS, AND MINING

		Ę	56 64 0)1	eg
38A	DESIGNATION	AND	SERIAL	NO.	U

							REC	EIV	Ë	U-46	740	
WELL CO		TION C	OR RECO	OMP	LETION	REPOR				6. IF INDIAN NONE	I, ALLO	TIBS OR TRIBE NAM
L TYPE OF WE		OIL WELL	GAS WELI	. 🗆	DRT X	Other	OCT	1 8 19	84-	7. UNIT AGE NONE	BEMEN'	T NAME
NEW WELL	WORK OVER	DEEP-	PLUG BACK		DIFF. DESVE.	Other				S. PARM OR	LEASE	NAME
2. NAME OF OPERA				:			DIVIS		OIL	NONE		
STAND 3. ADDRESS OF OPI		ERGY CO)RPORAT1	ON	***		GAS	& MINII	VG_	9. WELL NO.		Federal #1
		0 South	n. Salt	Lake	City, U	tah 8	4101					L. OR WILDCAT
4. LOCATION OF WI					•			ta) *		Wild		o, or willbear
At surface SE												OR BLOCK AND SURVEY
At top prod. in	terval repo	orted below	• *									26 E, SLM
At total depth				AA		1200			•	Section	n 8:	SE4NE4
			U		d rabet by	5//		ISSUED		12. COUNTY	OR	13. STATE
15. DATE SPUDDED	1 10 5.5			1 .	3-037- 307	460		29-8.	<u> </u>	San J		Utah
7/15/83	i .	13/83	HED 17. D	8/25	MPL. (Ready to	o prod.)		vations (d. 173 KB,		GR GR	l .	elev. casinghead Utah
20. TOTAL DEPTH, MD			ACK T.D., MD		22. IF MUL			23. INTE	RVALS	BOTART TOO		CABLE TOOLS
5780 '					HOW M	-		DEIL -	LED BY	0-5780'		·
24. PRODUCING INTE	RVAL(S), C	F THIS CO	MPLETION—	OP, BO1	TOM, NAME ()	ID AND TV	D) •				25	SURVEY MADE
NONE											1	No
26. TYPE ELECTRIC				Add to the proper designation of	The second second						27. ₩	AS WELL CORED
CNL/FDC (35	00-577	5), DLI	. (3500-	5763) + BHCS	(1680-	2745)					No
28.	WEIG	HT, LB./FT.	C/ DEPTH		RECORD (Rep	ort all etr	ings set i		ENTING	RECORD		AMOUNT PULLED
												- AROUNT PULLED
9-5/8"	498	' of 40)# 167	2'	12	1,''	475	sx Ha	1. lt	W/ ½# f	loce	le NONE
	1174	of 36	<u>#</u>				200	sx cl	В, 2	$\%$ CaCl $_2$.	1/4#	
29.		LII	VER RECOI	10			<u> 17 1</u>	ocele/		UBING RECO	7817	
SIZE	TOP (M		TTOM (MD)		RS CEMENT*	SCREEN	(MD)	SIZE		DEPTH SET (M		PACKER SET (MD)
NONE								NO	NE _			
31. PERFORATION RE	CORD (Inte	rval. size	and number			1						
	(11111					82.	INTERVAL	····		URE, CEMEN'		CATERIAL USED
NONE							ONE					
	•											· · · · · · · · · · · · · · · · · · ·
33.•			·		PROI	DUCTION	·					
DATE FIRST PRODUCT	TION	PRODUCT	ON METHOD	(Flosoi	ng, gas lift, pe	ım ping—e	ise and t	ype of pum	p)		STATUS t-in)	(Producing or
DATE OF TEST	HOURS	TESTED	CHOKE SI	E 1 1	PROD'N. FOR	OIL—BÉ	L.	GAS-MC	r .	WATER-BBL		OÁS-OIL BATIO
					TEST PERIOD		_		•		" <i>"</i>]	
FLOW. TUBING PROCE.	CASING	PRESSURE	CALCULATE 24-HOUR B		OIL-BBL.	GA:	В— МСР.		WATER-	-BBC.	OIL GI	RAVITY-API (CORR.)
34. DISPOSITION OF	OAR (Rold	used for tu	· · · · · ·	<u>- </u>		<u> </u>						
U. DISTUSTION OF	-25 (5714)		,,, ventu, ti	·.,						TEST WITNES	##D B1	
35. LIST OF ATTACE	MENTS											
				/_/	2							
36. I hereby certify	MN	roregoing	ing attacked	insorm	ation is comp				d from	ali available r	ecords	
SIGNED	10110	Me	LYK.		TITLE _	Vice I	resid	lent		DATE	,	10-16-84
		*(See li	structions	and S	paces for A	ddition	l Data	on Reve	se Side	<u>.)</u>		
•		•	-	-						•		

NSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

In and of the time time time submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Here 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

or Federal office for specific instructions.

Here 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Heres 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing for each actival, or intervals to possible to this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Here 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Here 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

	10f S	
GBOLOGIC MARKERS	Log	2300 2330 2330 2385 2380 4400 5456 5591 5723 5723
88. GBOLO	KAKB	Shinarump Moenkopi Kaibab Cutler Honaker Trail Ismay Gothic Desert Creek Akah Salt
TH THREBOF; CORED INTERVALE; AND ALL DRILL-GTEM TESTS, INCLUDING PEM, PLOWING AND SHUT-IN PRESSURES, AND RECOVERING	DESCRIPTION, CONTENTS, STC.	op 15, si 60, op 120, si 240, rec 50 mud, FP 49-65, 55-68, SIP 61-89, HP 2535-2526, BHT 1210,
NOSITY AND CONTEN UBED, TIMB TOOL O	MOLLOR	5344 '
MARY OF POROUS ZONES: show all important sones of possity and contents thereof; depth interval restre, cushion used, time tool open, flowing	401	5312'
37. SUMMARY OF POROUS ZONES 840w ali impontant eones depth imperal tested, cus	PORMATION	DST #1 Honaker Trail